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| L1 | 6 | ((peripheral adj (apparatus or device or component))near6 (priority or previlege))same (congest$4 or collisi$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 09:15 |
| L2 | 494 | ((peripheral adj (apparatus or device or component))near6 (priority or previlege)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 09:19 |
| L3 | 12 | l2 same ((((back$off or (back adj2 off)or wait or (transmission near2 delay)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 09:17 |
| L4 | 186 | l2 and ((((back$off or (back adj2 off)or wait or (transmission near2 delay)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 09:25 |
| L5 | 8 | l2 and ((((back$off or (back adj2 off)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 09:20 |
| L6 | 494 | ((peripheral adj1 (apparatus or device or component))near6 (priority or previlege)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 09:19 |
| L7 | 788 | ((peripheral adj1 (apparatus or device or component))with(priority or priorit$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 09:22 |
| L8 | 12 | l7 and ((((back$off or (back adj2 off)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 09:20 |

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| L9 | 6 | ((peripheral adj1 (apparatus or device or component))with(back$off or (back adj2 off))) and(priority or priorit$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 09:26 |
| L10 | 10 | ((peripheral adj1 (apparatus or device or component))same(back$off or (back adj2 off))) and(priority or priorit$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 09:24 |
| L11 | 194 | ((peripheral adj1 (apparatus or device or component))with((back$off or (back adj2 off)or wait or (transmission near2 delay)))) and(priority or priorit$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 09:26 |
| L12 | 12 | l11 and (congest$4 or collision) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 09:27 |

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| L1 | 0 | ((peripheral near2 (device or component or apparatus))with priority)same back$off | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 11:32 |
| L2 | 7 | ((peripheral near2 (device or component or apparatus))with priority)and back$off | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 10:40 |
| L3 | 47 | ((peripheral near2 (device or component or apparatus))same priority)and back$off | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 11:33 |
| L4 | 20 | ("6606327" "5841778" "5963560" "6704302" "6359899" "36353" "4598285" "6522661" "5650997").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 11:13 |
| L5 | 8 | ("5699515" "5353287" "5784375" "5852723").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 11:25 |
| L6 | 20 | ("5822538" "5268899" "6522661" "6813260" "5838688" "6128310" "5600651" "6614799" "6205153").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 11:18 |
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| L8 | 0 | l6 and ((peripheral near2 (device or component or apparatus))same priority) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 11:15 |

| L9 | 9 | I6 and ( priority) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 11:26 |
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| L10 | 45 | ("5822538" "5268899" "6522661" "6813260" "5838688" "6128310" "5600651" "6614799" "6205153").uref. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 11:18 |
| L11 | 69 | ("5699515" "5353287" "5784375" "5852723").uref. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 11:25 |
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| L13 | 89070 | "370"/$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 11:34 |
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| L16 | 20643 | "398"/$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 12:34 |

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| L19 | 23815 | "710"/$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 12:34 |
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| L21 | 151 | I19 and (((peripheral near2 (device or component or apparatus))same ((provid$4 or assign$4 or allocat$4)near3 priority))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 12:34 |
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| L23 | 3 | I21 and back$off | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 12:36 |
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☐　**1. Electricity from coal and gas-a cost comparison**
Sullivan, R.; Fowler, T.; Jones, H.; Thorne, L.;
Power Engineering Journal [see also Power Engineer]
Volume 7, Issue 6, Dec. 1993 Page(s):275 - 278

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**1** Poster session 2: Energy estimation of peripheral devices in embedded systems                                         ▬
Ozgur Celebican, Tajana Simunic Rosing, Vincent J. Mooney
April 2004 **Proceedings of the 14th ACM Great Lakes symposium on VLSI**

Full text available: 📄 pdf(188.18 KB)     Additional Information: full citation, abstract, references, index terms

This paper introduces a methodology for estimation of energy consumption in peripherals such as audio and video devices. Peripherals can be responsible for significant amount of the energy consumption in current embedded systems. We introduce a cycle-accurate energy simulator and profiler capable of simulating peripheral devices. Our energy estimation tool for peripherals can be useful for hardware and software energy optimization of multimedia applications and device drivers. The simulator and ...

**Keywords:** audio, device drivers, energy estimation, software optimization

**2** Software: VRPN: a device-independent, network-transparent VR peripheral system                                         ▬
Russell M. Taylor, Thomas C. Hudson, Adam Seeger, Hans Weber, Jeffrey Juliano, Aron T. Helser
November 2001 **Proceedings of the ACM symposium on Virtual reality software and technology**

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The Virtual-Reality Peripheral Network (VRPN) system provides a device-independent and network-transparent interface to virtual-reality peripherals. VRPN's application of factoring by function and of layering in the context of devices produces an interface that is novel and powerful. VRPN also integrates a wide range of known advanced techniques into a publicly-available system. These techniques benefit both direct VRPN users and those who implement other applications that make use of VR periphe ...
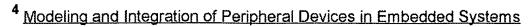
**Keywords:** input devices, interactive graphics, library, peripherals, virtual environments, virtual worlds

**3** Ada and C interface issues in the development of peripheral device support libraries                                   ▬
Sadhana Kapur
November 1995 **Proceedings of the conference on TRI-Ada '95: Ada's role in global markets: solutions for a changing complex world**

Full text available: 📄 pdf(451.20 KB)     Additional Information: full citation, references

**4** Modeling and Integration of Peripheral Devices in Embedded Systems                                                     ▬

Shaojie Wang, Sharad Malik, Reinaldo A. Bergamaschi
March 2003 **Proceedings of the conference on Design, Automation and Test in Europe - Volume 1 DATE '03**

Full text available: ⬛ pdf(131.82 KB)
⬛ Publisher Site          Additional Information: full citation, abstract, citings, index terms

This paper describes automation methods for device driver development in IP-based embedded systems in order to achieve high reliability, productivity, reusability and fast time to market. We formally specify device behaviors using event driven finite state machines, communication channels, declaratively described rules, constraints and synthesis patterns. A driver is synthesized from this specification for a virtual environment that is platform (processor, operating system and other hardware) in ...

**5** Communication between computers and peripheral devices—an analogy          ⬛

Richard R. Eckert
August 1990 **ACM SIGCSE Bulletin**, Volume 22 Issue 3

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June 1997 **Proceedings of the 6th international conference on Artificial intelligence and law**
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**2 An implementation of Eisner v. Macomber**                            ◼
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**3 Proceedings of the 5th international conference on Artificial intelligence and law**   ◼
L. Thorne McCarty
May 1995 proceeding, ACM Press
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**4 On the role of prototypes in appellate legal argument (abstract)**   ◼
L. Thorne McCarty
May 1991 **Proceedings of the 3rd international conference on Artificial intelligence and law**
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